

CAR PARK

VEK MNE1 / VEK MNE2 Induction loop detector for vehicle detection



FEATURES

- ➔ USB interface for using modern diagnostic and service software
- → New hardware platform for higher detection speed and flexibility
- ➔ New design
- → Automatic calibration when switching on or resetting
- → Connection via 11-pin plug-in base for mounting on DIN rail
- → Mode "direction indication" for VEK MNE2
- → Adjustments for relay operation principle









TECHNICAL DATA VEK MNE1 / VEK MNE2

Dimensions (W x H x D) Housing Power supply

Inductance range Operating frequency Sensitivity range Loop lead-in Signal outputs VEK MNE1

VEK MNE2

Switching power Switching voltage Switching current Temperature range 38 x 76 x 71 mm Plastic, 11-pin plug 90-250 V AC (50/60 Hz), max. 1.7 W or 10-30 V AC/DC, max. 1 W 20-700 μ H 30-130 kHz (2 steps) 0.02 % - 1.3 % Δ f/f (4 steps) max. 200 m

1 permanent relay with change (signal output invertible), 1 pulse relay with NO contact per channel 1 relay with NC contact (signal output invertible) max. 60 W / 125 VA max. 230 V AC max. 2 A -37°C up to 75°C

ORDER DESCRIPTIONS

VEK MNE1-R24-A	Traffic detector (1-channel), 10-30 V AC/DC
VEK MNE1-R230-A	Traffic detector (1-channel), 90-250 V AC
VEK MNE2-R24-C	Traffic detector (2-channel), 10-30 V AC/DC
VEK MNE2-R230-C	Traffic detector (2-channel), 90-250 V AC

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ACCESSORIES

Diagnostic and Service Software (free of charge)

Cable 1.5 m with 11-pin socket



Diagnostic and Service Software

Detector Tool	Detector Tool		SE	INSORS Porking & Traffic
Connect Disconnect ¹ / ₄ COM30	Loop State Channel 1 Channel State	Channel 2	Channel 3	Channel 4
Detector Information Serial Number Software Version 123456789 E1.00 2014-03-07	Detuning Amplitude 1444 Last Peak Amplitude 1085	451	0	0
Product Key Production Date VEK MINE2-R24-A 2014-03-07	Gap Time [s] [min] 82 Busy Time [s] [min] 29 Elapsed Hold Time [min] 100	109	0	0
Sense 2 a Sense 2 b Frequency Hold Time Output 2 Edge 2	Output Setting Output 1 Output Mode	Output 2	Output 3	Output 4
Log File	Output State Direction Detection 0,5 Display Duration [s]		OFF	
Factory Reset Detector Reset Factory Reset Diagnostic	v1.0.7.5			About Close

The USB interface of the detector allows connection to a PC, notebook or Tablet PC. With the help of a diagnostic and service software, the existing configuration of the device can be shown and conveniently changed directly on site. The software shows the following main parameters:

- COM port connection
- Serial number & software version of the detector
- Position of the DIP switches as well as possible changes by the software
- Information about the loop status (detuning values of the loops, maximum value of the last loop occupancy etc.)
- Output settings (e.g. pulse duration)

Detuning values can be shown using a diagram over time. They can be stored, commented and sent to customers or colleagues. The diagnostic and service software is provided for customers of VEK MNE1 and VEK MNE2 free of charge.

